

DIGITAL VIDEO DATA RECORDING AND REPRODUCING DEVICE

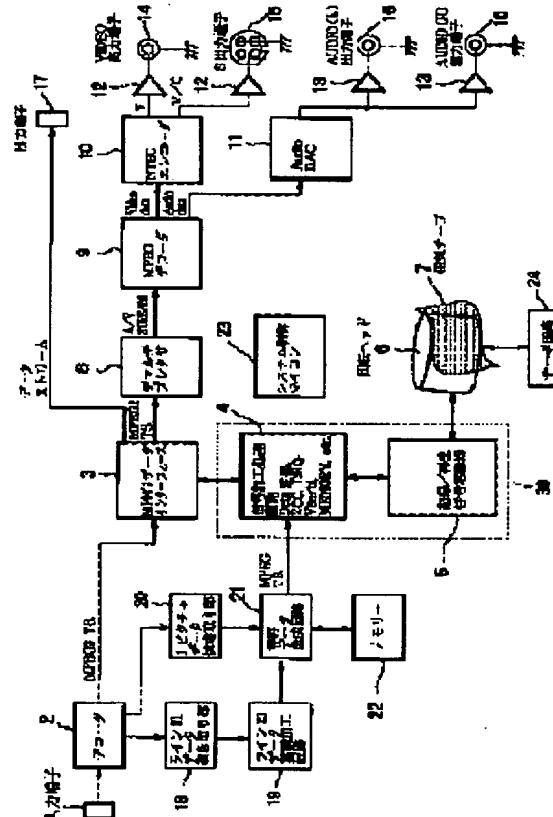
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- **international:** G11B20/10; G11B20/12; G11B27/34; H04N5/278; H04N5/76; H04N5/783; H04N5/91; H04N5/92; H04N5/937; H04N7/025; H04N7/03; H04N7/035; G11B20/10; G11B20/12; G11B27/34; H04N5/278; H04N5/76; H04N5/783; H04N5/91; H04N5/92; H04N5/937; H04N7/025; H04N7/03; H04N7/035; (IPC1-7): H04N5/783; G11B20/10; G11B20/12; G11B27/34; H04N5/278; H04N5/76; H04N5/91; H04N5/92; H04N5/937; H04N7/025; H04N7/03; H04N7/035
- **European:**
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Abstract of JP2002290894

PROBLEM TO BE SOLVED: To provide a digital data recorder/reproducer for visually confirming voice information even in the case of fast forward reproduction where voice information is intermittently reproduced.

SOLUTION: Normal reproduction data is recorded and reproduced to a first area while special reproduction data to a second area in a digital video tape recorder. The digital video tape recorder is provided with a special reproduction data extracting means 20 for extracting image data by which one video frame is independently reconstituted, a special reproduction data generating means 21 for synthesizing a closed caption with the prescribed position of the video frame which is reconstituted from special reproduction data and generating special reproduction data, a caption data extracting means 18 for extracting the closed caption data from video data, and a storing and working means 19 for storing the closed caption data at each video frame and simultaneously displaying it with each kind of image data.



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